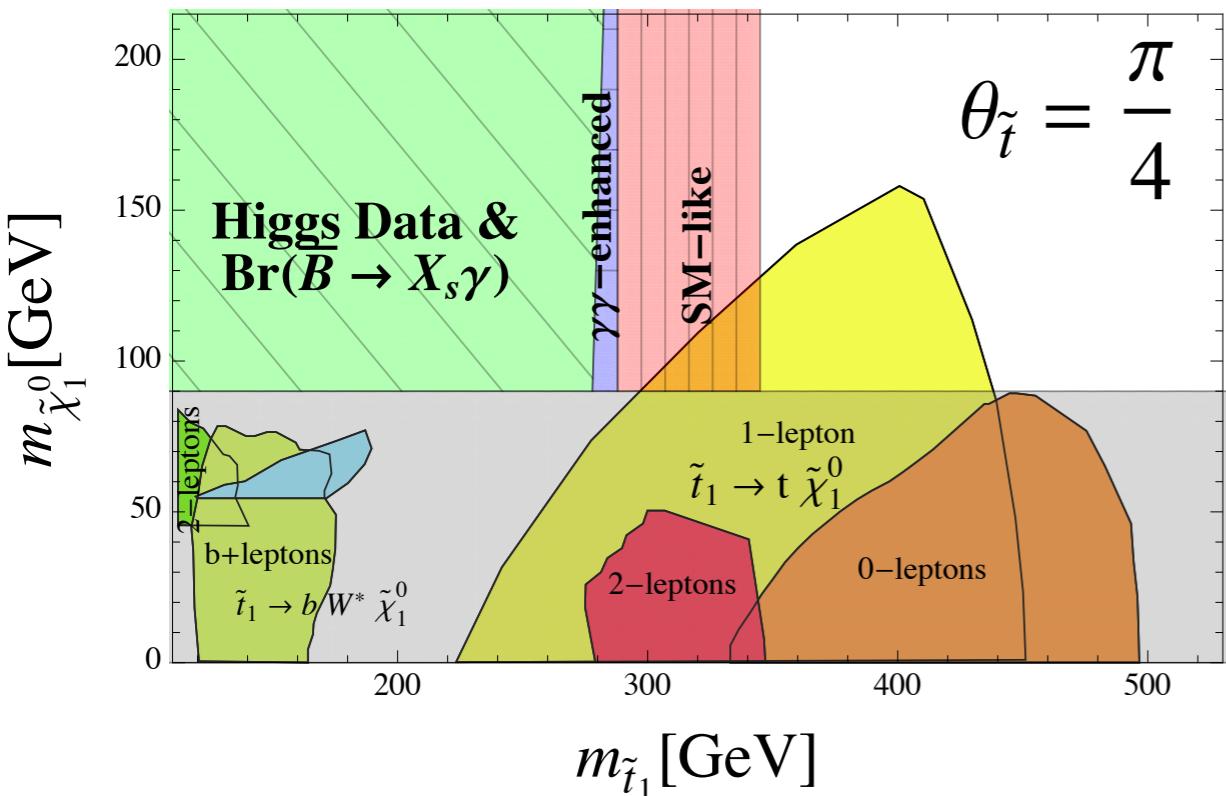


Stop searches and Higgs coupling determination

Veronica Sanz

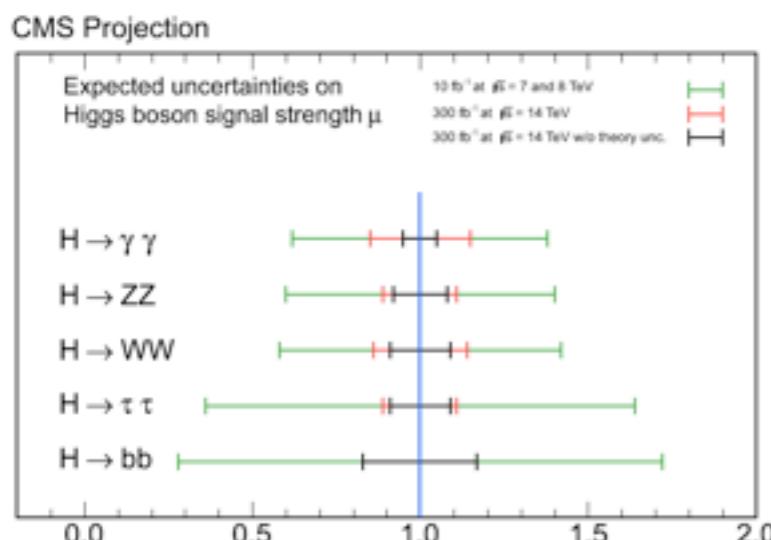
stop exclusion@95%CL using 2012 Higgs data



Note: Higgs-data dominated, quite independent of other observables (b to sgamma, mW), or mixing angle, or final state (MET or no-MET).
Valid when tan beta is moderate.

Espinosa, Grojean, VS, Trott, 2012

For snowmass



1. Prospects 300 ifb LHC14
2. Adding staus/sbottoms for large tanbeta
3. Add possible improvements in flavor const
4. ILC/LHC14